

reading means between inner and outer circumferences of the disc shaped recording medium, while the disc shaped recording medium is rotated;

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a feeding mechanism disposed on the base for feeding the recording and/or reading means along the guide means; and

a plurality of receiving portions for receiving support for the base, the receiving portions being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the recording and/or reading means,

wherein the disc rotation driving means, the recording and/or reading means, and the feeding mechanism are located on the base such that a center of gravity of the base lies along the center line.

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8. (Amended) An optical disc drive for recording data on and/or reproducing data from an optical disc, comprising:

a base;

disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;

an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disk;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means;

a plurality of supporting means each with an associated elastic member for elastically supporting the base, the supporting means and the associated elastic members being disposed symmetrically on the base with respect to a center line of the base along the direction of the

movement of the optical pickup;

a plurality of receiving portions disposed on the base for receiving the supporting means,

wherein the disc rotation driving means, the optical pickup, and the feeding mechanism are located on the base such that a center of gravity of the base lies along the center line.

15. (Amended) An optical disc drive for recording data on and/or reproducing data from an optical disc, comprising:

a support pedestal;

a base supported by the support pedestal;

disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;

a disc tray movably disposed on the support pedestal between a first position where the optical disc is removable and a second position where the optical disc is at the disc rotation driving means;

an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disc;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means; and

a base support member for supporting the base with a plurality of supporting means disposed symmetrically with respect to a center line of the base along the direction of the movement of the optical pickup, each of the supporting means including an elastic member,

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wherein the disc rotation driving means, the optical pickup, and the feeding mechanism are located on the base such that a center of gravity of the base lies along the center line.

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22. (Amended) An optical disc drive for accurately recording data on and/or reproducing data from an optical disc, comprising:
a base;
disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;
an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disc;
guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;
a feeding mechanism disposed on the base for feeding the optical pickup along the guide means;
a plurality of supporting means disposed on the base with an associated elastic member for elastically supporting the base, the supporting means and the associated elastic members being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the optical pickup;
whereby weight shifts or imbalances caused by optical pickup movement are eliminated such that the balance of the base is maintained along the direction of movement during operation of the optical disc drive.

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25. (Amended) An optical disc drive for recording data on and/or reproducing data from an optical disc, comprising:

a base;

disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;

an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disc;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means; and

at least four supporting means each with an associated elastic member for elastically supporting the base, the supporting means and the associated elastic members being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the optical pickup,

wherein the disc rotation driving means, the optical pickup, and the feeding mechanism are located on the base such that a center of gravity of the base lies along the center line.